

Use Attainability Analysis

for

WBID 0470 Peddler Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

**Field Data Sheets for Recreational Use Stream Surveys**

RECEIVED

**Data Sheet A - Water Body Identification**

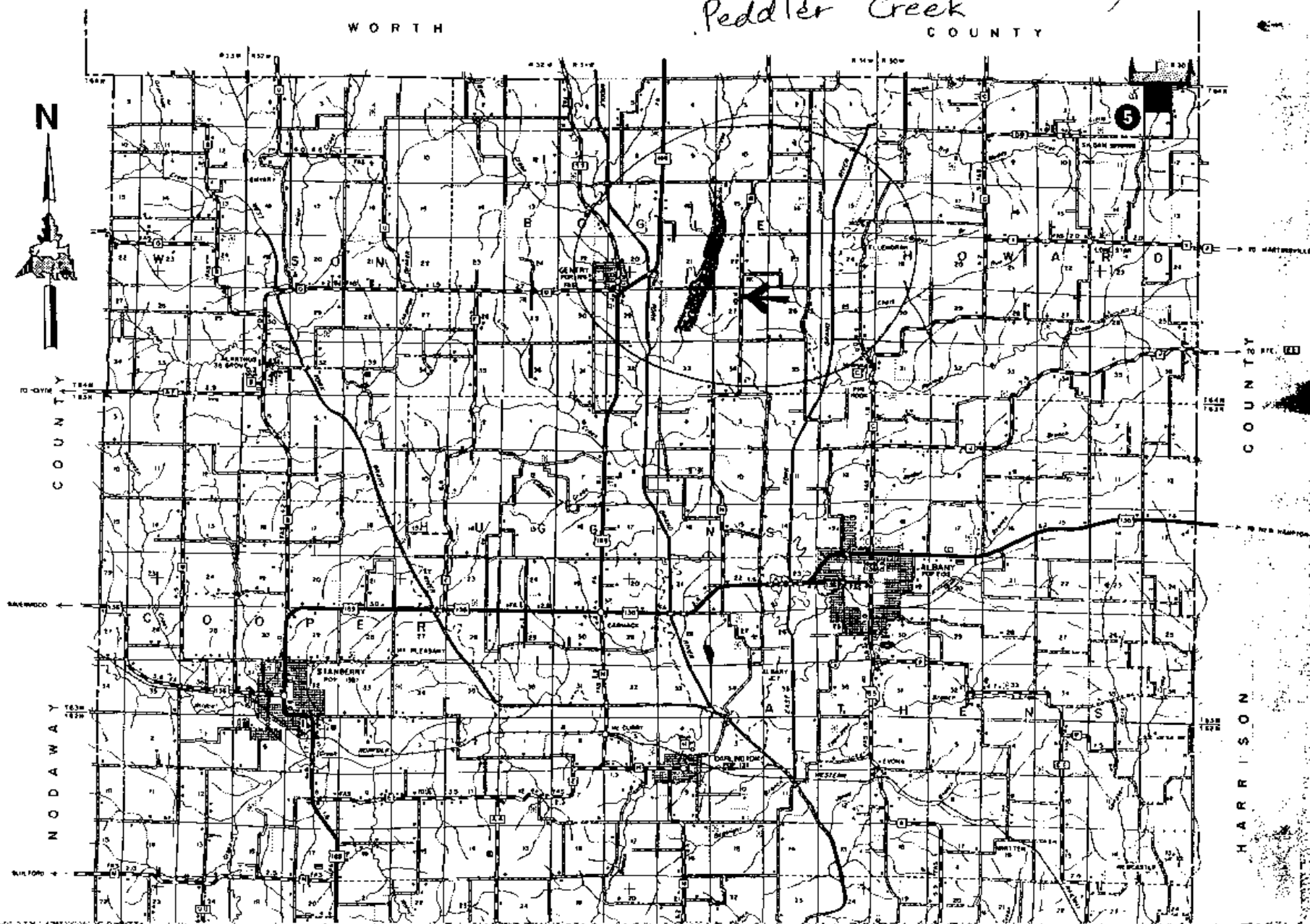
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WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad):	Peedler Cr.		
8-digit IUUC:	10280101		
Missouri WBID #:	470		
County:	Gentry		
Upstream Legal Description:	S 21 T 64N R 31W		
Downstream Legal Description:	S 21 T 64N R 31W		
Upstream Coordinates:	N 40.38912	W 94.39366	10M
Downstream Coordinates:	N 40.38912	W 94.39360	
Discharger Facility Name(s):	—		
Discharger Permit Number(s):	—		
Number of Sites Evaluated:	(1)		
Name of Surveyor and Telephone Number:	Craig C. & Aaron W. 816-628-7095		
Organization:	Mo DNR		
Position:	Soil Scientists		

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Craig C. & Aaron W. Date: 7/6/05



# Field Data Sheets for Recreational Use Stream Surveys

Craig Chatfield  
Aaron Woods  
- dm

## Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 1170-01	Site Location Description: Peppeler CR.	
Site GPS Coordinates: N 40.32912 W 94.39360		
Date & Time: 7/6/05 @ 7:20 AM	Facility Name: —	
Personnel: Craig C ; Aaron N	Permit Number: —	
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Light Rain	
Photo Ids: Upstream: WBD470-01 101-178	Downstream: WBD470-01 101-179	Other:

### Uses Observed\*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

\_\_\_\_\_

### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

### Evidence of Human Use\*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: NA				

### Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Attached

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

Page Two - WBID # 470-01 grw

### Stream Morphology:

#### Upstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>10'</u>	Length (ft): <u>10'</u>	Avg. Depth (ft): <u>3"</u>	Max. Depth (ft): <u>6"</u>
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft <sup>3</sup> /sec):	

#### Downstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): <u>10'</u>	Length (ft): <u>10'</u>	Avg. Depth (ft): <u>1"</u>	Max. Depth (ft): <u>8"</u>
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Estimated (ft <sup>3</sup> /sec):	

### Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	<u>60</u> % Sand	<u>40</u> % Silt	% Mud/Clay	% Bedrock
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### Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site)

<u>101-178,179 R&amp;D C. WBID: D 470-01</u>
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### Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

**I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.**

Signed: Cyrl Chy-d ; AW Date: 7/6/05  
 Organization: MODNR SWCP Position: soil scientists

0470\_01\_US



0470\_01\_DS



# **USE ATTAINABILITY ACCESSMENT (follow-up)**

**Stream Name: Peddler Creek**

**8-digit HUC: 10280101**

**Missouri WBID: 0470**

**County: Gentry**

**Name of follow-up Surveyor: Richard M. Duchrow**

**Organization: MDNR-WPP**

**Date of Follow-up: July 17-28, 2006**

**Position: Stream Team Biologist**

## **COMMENTS:**

The original UAA was conducted on 2005. At that time, one (1) sites was evaluated in the 2.5 miles Class C segment.

Basically, the committee found that the Class C segment of the stream lacked sufficient depth to support the WBCRecreation use designation.

A follow-up review of the initial UAA was conducted between July 17 and July 24, 2006. Public comments were received by 19 residents living on and near Peddler Creek in Gentry County. Two (2) of the comment submitters were interviewed by telephone during the follow-up. In addition, Missouri Department of Conservation employee: Conservation Agent David Wells was also contacted since he has a working knowledge in Gentry County for several decades.

Public comments received on Peddler Creek were followed up.

- Comments received from:
  1. Mr. Aubrey Walker, Gentry, Missouri and 16 other area residents stated ... Children play in the water.
  2. Mr. Russ Meyer, Gentry, Missouri stated ... 1.8 miles are flow within his property and an occasional deep hole allows for swimming by adults and children visiting his property.
  3. Mr. and Mrs. Ron Nicholson, Albany, Missouri stated ... they have fished near the mouth of Peddler Creek and Middle Fork of Grand River.
- Follow-up interviews were conducted by telephone with the following persons:

Aubrey Walker is a property owner within the Class C segment of Peddler Creek (1 mile north of 270<sup>th</sup> Street). Family and friend currently wade, fish and swim in portions of Peddler Creek on his property. During normal rainfall some pools will approach 1 meter in depth. During 2005, the local public water district (Linn Creek Water Company) pumped water from Peddler Creek for three (3) weeks to supplement county drinking water supplies.

Russ Meyer stated the he as personally swam and fished in Peddler Creek at the mouth (Class P portion) and downstream in the Middle Fork of Grand River. He has also witnessed others swimming in a deep hole that exists in Middle Fork, immediately downstream from Peddler Creek. Water depths within the Class C segment are shallow and usually less than "ankle" deep.

CA David Wells stated that Peddler Creek is normally shallow but does have active beaver colonies within the Class C and P segments that may construct pools with water depths approaching 1 meter in depth.

**Prepared by: Richard M. Duchrow**

**Date: July 28, 2006**